

Circle Center Lab

Lab: Finding the Center of a Circle

You will use your knowledge of circles and chords to find the center of the GVHS "Lawn Circles" using a String, a 90° angle, and Geometry Theorems from Chapter 9.

You will complete the Lab Report using your findings. Have fun.

Name:

Period: Date:

Partners:

Step 1: Initial Guess & Using the Tools

Using the Tools:

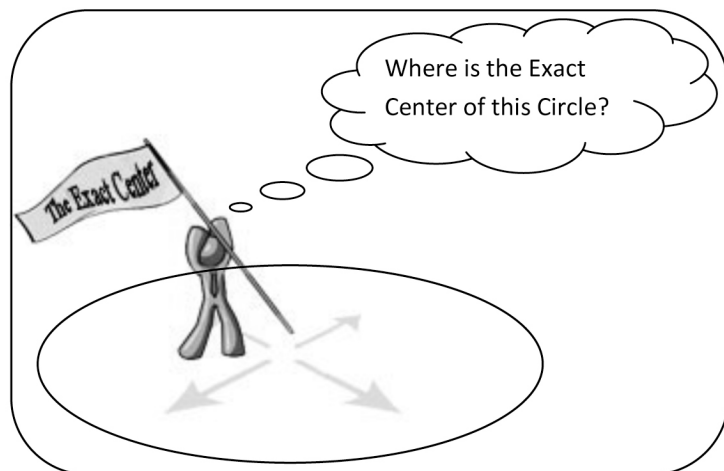
- ◇ String for chords & secants.
- ◇ 90° Angle for perpendicular segments.
- ◇ Ch09 Theorems for guidance & direction.

Measurement:	Quantity:
Initial Guess:	
Actual:	
% Error:	

Step 2: Solution

Finding the Center of your Circle:

- ◇ Guess where the center is & place your marker there. Measure the radius.
- ◇ Use the tools to find the exact center.
- ◇ Measure the radius.
- ◇ Calculate the % Error.



Step 3: Lab Report

Write the Lab Report:

- ◇ Describe your objective. What were you trying to find?
- ◇ Describe the process. What did you do to find your solution?
- ◇ Describe the tools you used.
- ◇ Describe your final answer. How did it compare to your initial guess?

